

## Namrata (MORNING STAR)

Q1 Give me introduction about yourself.

Q2 Different types of join

Q3 was given a table asked me to normalized ~~it then~~  
~~asked me to~~ & to tell at which level of normalization it's

Q4 what is normalization & why there is a need of normalization

Q5 If bubble an array is already sorted then what its complexity if we use bubble sort

Q6 fibonacci using recursion.

Q7 what you know about java &

Q8 what is default method? what is its use

Q9 Give me an example of stream api & write that example

Q10 @JS & @DBMS is server based

Q10 why http is stateless.

Q11 If http is stateless then how <sup>during</sup> login procedure remembers input username & password & show whether it's correct or not

Q12 Give me some protocol & specify port no. of them

Q13 ~~How~~ ~~The~~ No. of ~~p~~ Total Port No.

Q14 what is TCP & UDP? what is difference between them? which contain IP? which is faster?

Q15 Give me a query ~~to~~ to give 2<sup>nd</sup> highest salary

Q16 ~~For~~ Difference between Primary key & unique key

Q16 Do unique allow null?

Q17 Are two null in a column are same or different

Q18 At which layer of OSI Http, IP, TCP come.  
Draw & show OSI layer.

Q19 Give me example of polymorphism in banking sector

Q20 what is cross-site scripting

Q21 ~~Can we~~ pointer based question. ~~How~~ pointer points to string.

Q22 Can we change reference & pointers value

Q23 ~~Be~~ why you joined CDA

Q24 why you choose to be CS engineer

Q25 Being a event coordinator what all challenges you faced

Q26 Being a virtual TL during project what roles did you play.

## ① Technical Round 1

Q - Tell me something about your project

Q - What is static keyword and where all it is used (Java)

```
Q. class A
{
    static
    {
    }
    AC()
    {
    }
}

class B extends A
{
    static
    {
    }
    BC()
    {
    }
}

main()
{
    A b = new BC();
}
```

What is How will the execution of static block will take place as well as execution of constructor.

Q How to do you get the data from the database on the jsp.

Q what are triggers?

Q write a query to fetch the details of employee only of HR department.

Q Syntax for foreign key.

Q Explain that

Q. what does it mean by Immutable (String)

Q. Polymorphism explain

Q- Hierarchy of collection.

## ② Technical Round - 2

Q- Explanation of BE project

Q- How to traverse through the Arraylist

Q- How many methods are there in Serializable interface

Q- What is transient keyword

Q- Difference between List and Set

Q- What are your aspiration?

Q- What was fascinating in CDAC

## ③ HR Round

Q- How CDAC happened to you?

Q- How was the experience in CDAC

Q- What is your strength

Q- Being ~~you~~ a Team Leader how you manage your team

- ① OOPS concepts
- ② Explain your .Net project
- ③ what is application variable.
- ④ what is partial class and partial view?
- ⑤ Explain session and cookie.
- ⑥ How did you use layout?
- ⑦ write ajax code for validation in your project
- ⑧ How did you know whether it was an ajax request?
- ⑨ Normalization all with examples

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## ATINKYA & RATANE MORNING STAR Questions

- 1] All details about your project? Including...  
What you have used & why you have used
- 2] OOPS Concept.
- 3] What is inheritance? Why do we use inheritance?
- 4] What is Encapsulation and how do we achieve Encapsulation?
- 5] What is abstraction?
- 6] What is super keyword
- 7] Difference between final & finalize method.
- 8] What is Dynamic Polymorphism?
- 9] What is Compile time Polymorphism
- 10] How can you achieve overloading and overriding.

## Second Interview:

Puzzle: →

- 1] If 10 batsman in a match got out on the first 10 balls then which No batsman is Not out
- 2] You have three sacks each filled with 30 Coconuts. You have to travel from Point A to Point B. In between there <sup>are</sup> 30 tolls, On each toll you have to give one Coconut for each sack. i.e 3 Coconuts on each toll as a toll tax, how much maximum Coconuts can you save?

3] you are provided with a cake, you have to cut the cake in 5 pieces. But you cannot lift the knife. how will you cut the cake.

4] You are provided with two buckets. One of 3 litres and another of 5 litres. You have enough water in your well. You have to count 4 litres of water by using these two buckets. ?

Data structure :->

- 1] Implementation of singly link list.
- i> Add Node in front
  - ii> Add Node at back
  - iii> Add Inbetween.

2]

You have an array of 1001 elements ~~you have to store the stored with -3000 to 4000~~. Stored with first  $N$  Natural Numbers. Out of which one element is missing. how will you find out which of the elements is missing. ?